

IN THE CLAIMS

Claims 1-28 cancelled.

29. (New) A vascular device comprising:
a substrate;
an elutable oxygenated fluorocarbon solution incorporated in the substrate; and
means for modulating release kinetics of the oxygenated fluorocarbon solution from the substrate.

30. (New) The device according to claim 29 wherein the means for modulating release kinetics of oxygenated fluorocarbon solution comprises means for exposing the substrate to a fluid having a temperature of between about 0°C and about 50°C.

31. (New) The device according to claim 30 wherein the substrate comprises a membrane incorporated into at least one structure selected from a group consisting of a tube, a balloon, a perfusion balloon, a stent, and a wire.

32. (New) The device according to claim 31 wherein the substrate comprises an inflatable balloon and the means for modulating release kinetics of oxygenated fluorocarbon solution comprises a fluid lumen through the balloon enabling fluid injection with temperature of between about 0°C and about 50°C for modifying the release kinetics.

33. (New) A method for the treatment of cardiovascular conditions, the method comprising:
oxygenating blood and/or tissue with a medical device which includes an oxygenated fluorocarbon solution; and

modulating release kinetics of the oxygenated fluorocarbon solution by changing a temperature of the device.

34. (New) The method according to claim 33 wherein modulating release of oxygenated fluorocarbon solution comprises exposing the device to a fluid having a temperature of between about 0°C and about 50°C.